

Claims:

This listing of the claims will replace all prior versions and listings of claims in the application:

1-28. (Cancelled)

29. (Currently amended) In an Open System Interconnection (OSI) model having at least ~~an application layer and~~ a transport layer represented by a user datagram protocol (UDP), a method for transferring ~~user datagram protocol~~ UDP packets ~~that include frame header information generated at the application layer~~ from a broadband interface unit (BIntU) transceiver to a data distribution center, wherein the data distribution center is coupled over a network to a network access point, comprising:

supplying function calls to the BIntU transceiver from a personal computer with a computer processor, wherein the personal computer is separate from the BIntU transceiver, and the BIntU transceiver is positioned between the network access point and the personal computer;

generating the UDP packets in the BIntU transceiver and transmitting the UDP packets over the network solely at or below the transport layer, the generating and transmitting of the UDP packets including:

encoding, with an encoder, audio or video information, within the BIntU transceiver in order to generate UDP frame information;

temporarily storing the UDP frame information solely at or below the transport layer as a UDP packet within a protocol stack;

transmitting the UDP packet directly from the protocol stack to the network access point at, or below, the transport layer;

transmitting the UDP packet from the network access point to the data distribution center at, or below, the transport layer; and

wherein the UDP information output by the encoder travels from the encoder to the stack and from the stack to the network access point solely at, or below, the transport layer and without being processed by the computer processor in the personal computer

~~alternatively coding or decoding the UDP packets that include the frame header information generated at the application level using an encoder/decoder (codec); and~~

~~temporarily storing the UDP packets within a stack using a digital signal processor (DSP) portion coupled to the codec, wherein the UDP packets are in a form to be transmitted directly to a network destination address device.~~

30. (Previously presented) The method of claim 29, wherein the UDP packets include an applet.

31.-42. (Cancelled)